



PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Daynes et al.

Application No. 10/803,585

Filed: March 17, 2004

For: METHOD FOR SHARING RUNTIME  
REPRESENTATION OF SOFTWARE  
COMPONENT LOADERS

Group Art Unit: 2186

Examiner: Unassigned

Atty. Docket No: SUNMP337A

Date: June 22, 2006

## CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on June 22, 2006, in an envelope as "First Class Mail" addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signed

Fariba Yadegar-Bandari

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§1.56 AND 1.97(c)

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, may be material to examination of the above-identified patent application. The applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement (IDS) is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This IDS is being filed before the issuance of the First Office Action of the above-referenced application. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-0805 (Order No. SUNMP3377A).

Respectfully submitted,  
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<b>Form 1449 (Modified)</b>	<b>Attorney Docket No:</b>	<b>U.S.</b>
<b>Information Disclosure Statement By Applicant</b>	SUNMP337A	10/803,585
(Use Several Sheets if Necessary)	<b>Applicant:</b>	
	Daynes, et al.	
	<b>Filing Date:</b>	<b>Group:</b>
	March 17, 2004	2186

### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class
	A					
	B					
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					

### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L							
	M							
	N							
	O							
	P							

### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
/IK/	Q	Altera Corporation, "The Need For Dynamic Phase Alignment In High-Speed FPGAs", <i>WP-STXGXDPA</i> , Ver. 1.1, pp. 1-5 (February 2004)
/IK/	R	Arnold, et al., "Adaptive Optimization in the Jalapeño JVM", in <i>ACM SIGPLAN Conference on Object-Oriented Programming, Systems, Languages, and Applications, OOPSLA '00</i> , pp. 47-65 (2000)
/IK/	S	Cohen, et al., "Automatic Program Transformation with JOIE", in <i>USENIX Annual Technical Conference (No. 98)</i> , pp. 167-178 (1988)
/IK/	T	Czajkowski, et al., "Multitasking Without Compromise: a Virtual Machine Evolution", in <i>ACM Conference On Object-Oriented Programming, Systems, Languages, and Applications, OOPSLA '01</i> , 14 pages (2001)
/IK/	U	Czajkowski, et al., "Code Sharing Among Virtual Machines", in <i>European Conference on Object Oriented Programming, ECOOP, Barcelona, Spain</i> , 23 pages (2002)

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		SUNMP337A	10/803,585
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		Daynes, et al.	
		<b>Filing Date:</b>	<b>Group:</b>
(Use Several Sheets If Necessary)		March 17, 2004	2186
/IK/	V	Czajkowski, et al., "A Multi-User Virtual Machine", to be published in <i>USENIX Annual Technical Conference</i> , 14 pages, San Antonio, TX (2003)	
	W	Dillenberger, et al., "Building a Java™ Virtual Machine for Server Applications: The Jvm on OS/390", <i>IBM Systems Journal</i> , Vol. 39(1), pp. 194-210 (2000)	
	X	Gosling, et al., "The Java™ Language Specification The Java™Series", <i>Addison Wesley, 2<sup>nd</sup> Edition</i> (Sept. 2000)	
	Y	Hölzle, et al., "Optimizing Dynamically-Typed Object-Oriented Languages With Polymorphic Inline Caches", <i>ECOOP '91 Proceedings, published as Springer Verlag Lecture Notes in Computer Science 512</i> , pp. 1-18, Berlin (1991), Geneva (1991)	
	Z	IBM, "New IBM Technology Featuring Persistent Reusable Java Virtual Machines", <i>IBM, IBM Developer Kit for OS/390, Java™</i> , Second Technology Edition, pp. 1-122 (Oct. 2001)	
	AA	Liang, et al., "Dynamic Class Loading in the Java™ Virtual Machine," in <i>13<sup>th</sup> Annual ACM SIGPLAN Conference on Object-Oriented Programming Systems, Languages, and Applications</i> , OOPSLA '98, pp. 36-44 (October 1998)	
	BB	Niemeyer, "BeanShell – Lightweight Scripting for Java", <a href="http://www.beanshell.org">http://www.beanshell.org</a> (2002)	
	CC	Author Unknown, "Secure Hash Standard" <i>U. D. of Commerce, National Institute of Standards and Technology, Computer Systems Laboratory</i> , Federal Information Processing Standards Publication 180-1 (FIPS PUB 180-1 ) (April 1995)	
	DD	Serrano, et al., "Quicksilver: A Quasi-Static Compiler for Java", in <i>ACM Conference on Object-oriented Programming, Systems, Languages, and Applications</i> (OOPSLA), pp. 66-82 (2000)	
/IK/	EE	Wong, "Dynamically Loaded Classes as Shared Libraries: and Approach to Improving Virtual Machine Scalability", in <i>Proceedings of IEEE International Parallel and Distributed Processing Symposium (IPDPS)</i> , nice, France (2003)	
<b>Examiner</b>	/Insun Kang/	<b>Date Considered</b>	09/25/2008

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.